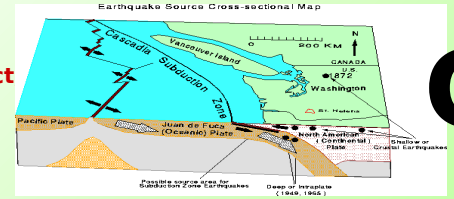
SEATTLE DISTRICT

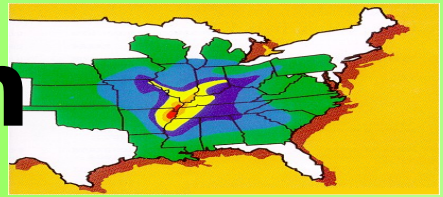
U.S. Army Corps of Engineers

Catastrophic Disaster Planning Program (CDPP)

Seattle District
Seattle WA



CDPP Mission



Appropriation 96X3123

Cat/Class 903-500

Develop and maintain a high state of preparedness for National Emergency operations.

Examples are…

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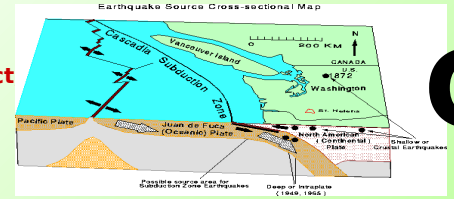
Seattle WA



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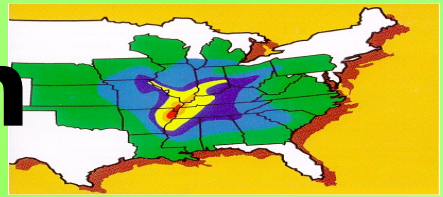


Appropriation 96X3123

Cat/Class 903-510

Continuity of Operations

- **Local Preparedness**

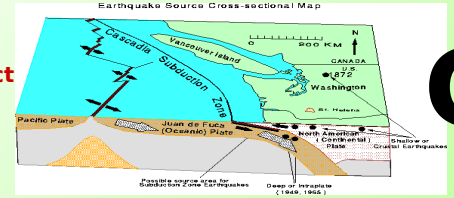
- Local Earthquake Plan

- Communications

- Command Succession

- Alternate HQ

Seattle District
Seattle WA



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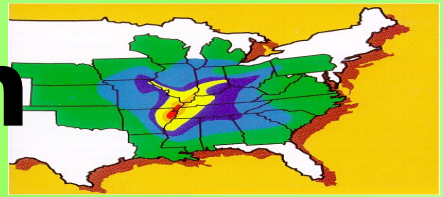


Appropriation 96X3123

Cat/Class 903-520

Catastrophic Disaster Response Planning

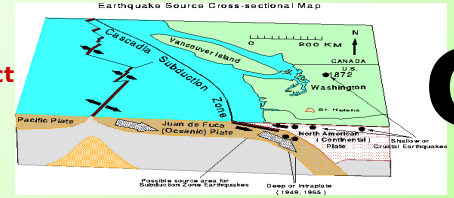
- **CDRP**

- CASCADIA **- NEW MADRID EARTHQUAKE** **- ALASKA**

- **Port Readiness**

- **IMA Program**

Seattle District
Seattle WA



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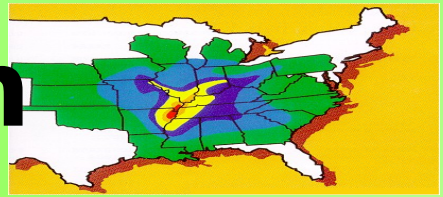


Appropriation 96X3123

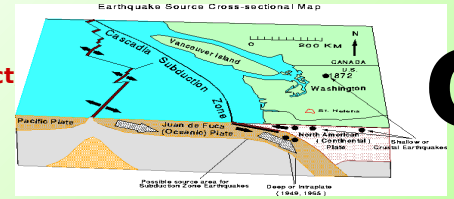
Cat/Class 903-530

Facilities

Emergency Operations Center (EOC) Support

- Operations
- Maintenance
- Upgrades

Seattle District
Seattle WA



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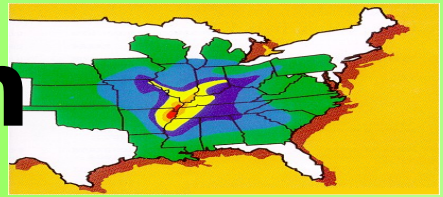


Appropriation 96X3123

Cat/Class 903-560

Training & Exercises

CDRP

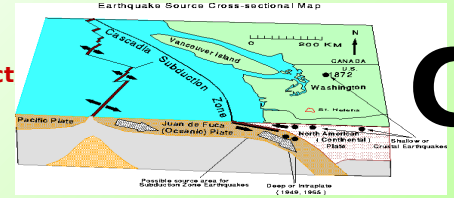
Local EQ Plan

Y2K

WMD

Etc.

Seattle District
Seattle WA



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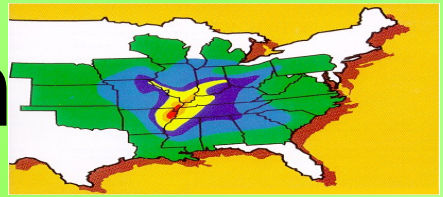
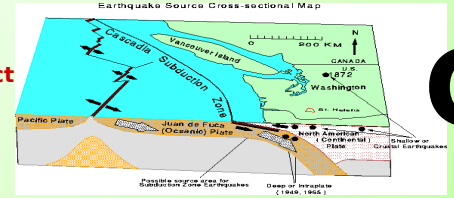


NATIONAL RESPONSE TEAMS

- Ice
- Structural Safety Assessment (SSA)
- Urban Search & Rescue (USAR)
- Logistics (LERT)
- Other Functional Teams (PA, Safety, Crest…)

Seattle District
Seattle WA



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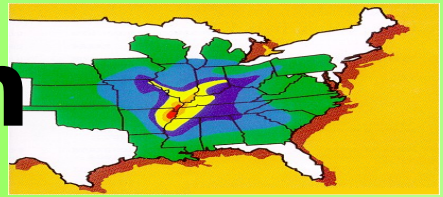
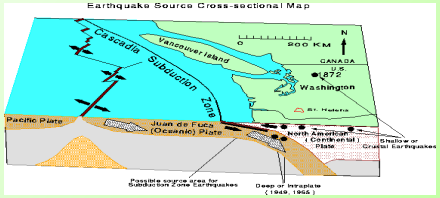


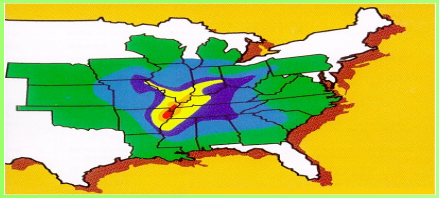
NATIONAL RESPONSE TEAM DEPLOYMENT

- Hurricane Floyd - Ice, LERT
- Hurricane Georges - Ice, LERT
- OK City - USAR
- Turkey EQ - USAR
- Northridge EQ - pre SSA
- Los Alamos - Misc.

Seattle District,
Seattle WA



CDRP



Scenarios

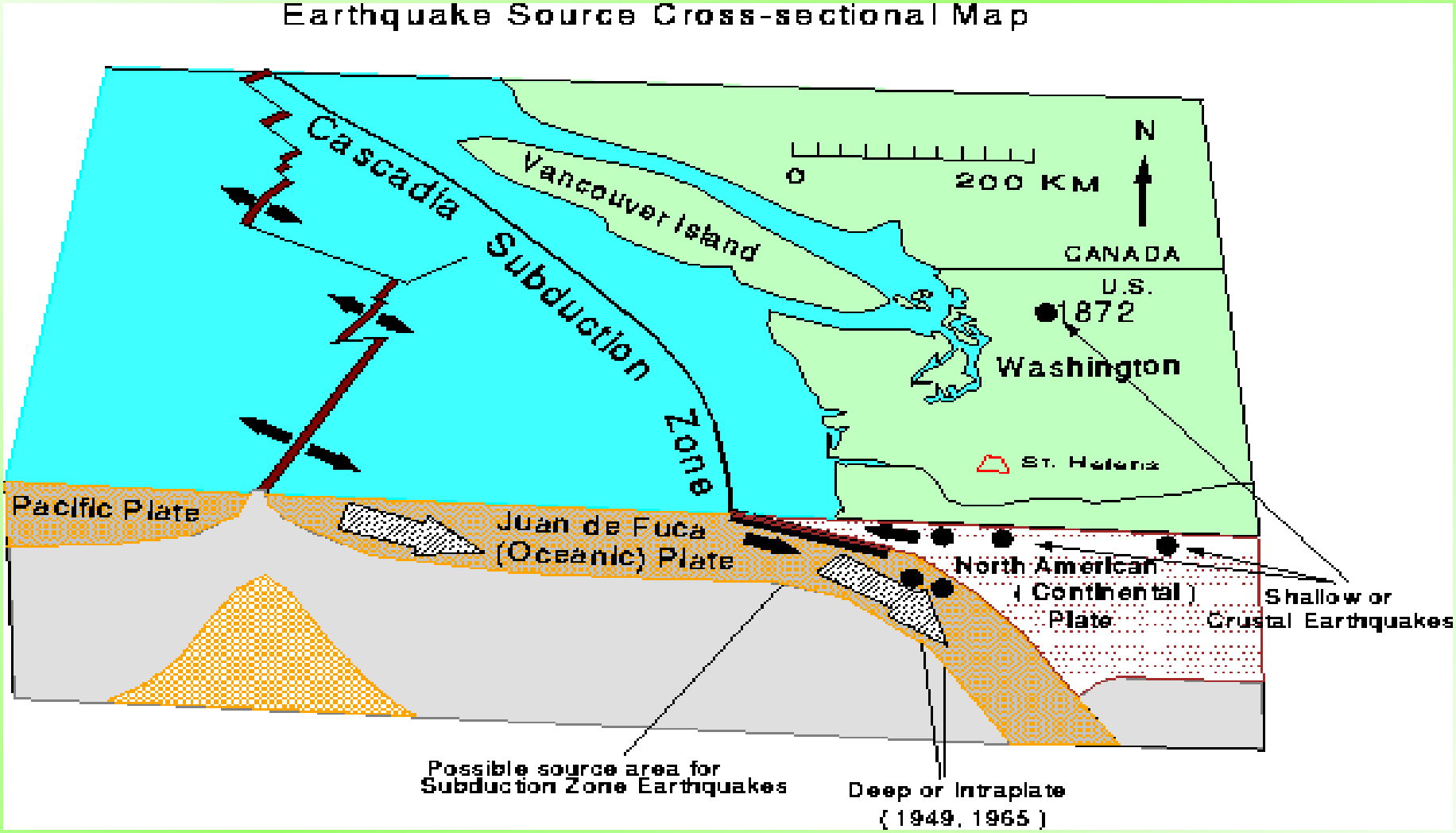
1. Cascadia Subduction Earthquake
2. New Madrid Earthquake
3. Alaska Earthquake

Cascadia Subduction Zone Earthquake Planning

- **“Civilization exists at the pleasure of Mother Nature. This, of course, is subject to change.”**

  … an anonymous Geologist

CASCADIA SUBDUCTION ZONE



NWD Tasking

“ Develop an OPLAN for response to a Cascadia Subduction Zone Earthquake magnitude 8 - 8.5.

Plan to execute all missions or responsibilities resulting from this event to include PL 84-99, PL 93-288, Military Installations (or) other critical facilities.”

NORTHWESTERN
DIVISION
PORTLAND, OR.

NWD Mission

In the event of a Cascadia Subduction earthquake impacting the Pacific Northwest, NWD directs and coordinates its subordinate districts in providing Public Works and Engineering support to impacted communities within the States of Washington and Oregon.

NORTHWESTERN DIVISION
PORTLAND, OR.

NWS Mission

In the event of a Cascadia Subduction earthquake impacting the Pacific NW, Seattle District will –

- **<u>Mission #1</u>: Execute Public Works and Engineering response in the State of WA.**

- **<u>Mission #2</u>: Plan for our Reconstitution.**

Some Terminology

- **“Victim” - A command judged to be: <u>not</u> mission capable, for whatever reason(s)**
- **“Reconstitution” - Refers to a command undergoing reorganization after being declared a victim**
- **“On Order” mission - A contingency mission requiring an OPLAN or CONPLAN. Adds flexibility to the response**
- **C2 - Command and Control**

NWD Commander's Analysis

- Worst geologic disaster postulated for CONUS
- Tsunami will devastate coastal communities
- Extensive damage throughout the I-5 corridor
- Expect Presidential Disaster Declarations for WA, OR & CA
- Expect a large DOD presence
- Expect activation of the NG in each state

Commander's Analysis (con't)

- NWD requires the support of SPD
- "Normal" CW workload for NWD and SPD will be deferred for an extended period
- NWD, NWS & NWP are potential victims
- Response will require establishment of many additional Field Offices

(Selected) Course of Action

- **Employ all personnel assets available to NWD and SPD, plus selected assets available under the Readiness 2000 Initiative ... augmented with other TDY personnel as needed.**

NWD Concept of Operations

- **If there are no "victim" commands: NWD exercises C2 in OR & WA NWP executes response in OR NWS executes response in WA NWK, NWO and NWW each provide up to five Field Offices for deployment in either OR or WA (SPD exercises C2 in CA)**

Concept of Operations (con't)

- **If there <u>are</u> "victim" commands:**

  NWO assumes NWD mission NWK assumes mission for NWS NWW assumes mission for NWP (No change to SPD mission)

Assigned Missions

- **NWD Msn #1: Provide C2 in OR & WA Msn #2: Plan for its own Reconstitution**

- **SPD Msn #1: Provide C2 within the State of CA Msn #2: Assist NWD with computer based damage assessment for the event**

Assigned Missions (con't)

- **NWP Msn #1: Execute the response in the State of OR Msn #2: Plan for its own Reconstitution**
- **NWS**

  Msn #1: Execute the response in the State of WA Msn #2: Plan for own Reconstitution

Assigned Missions (con’t)

- **NWO**
  Msn #1: (0n order) Assume NWD mission #1
  Msn #2: (on order) Provide up to five Field Offices

Assigned Missions (con’t)

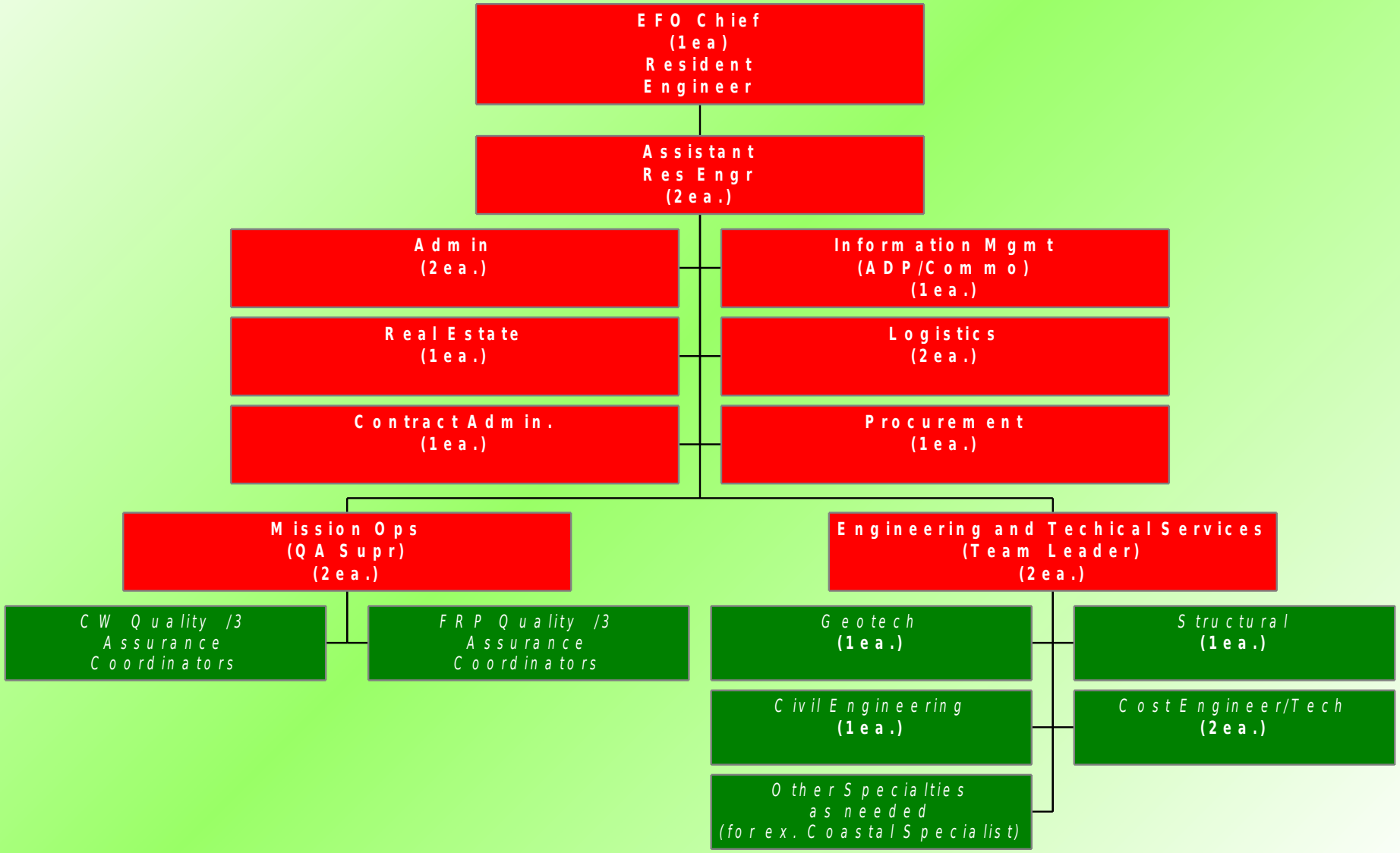
- **NWK NWS Msn #1: (on order) Assume the mission #1 Msn #2: (on order) Provide up to five Field Offices**

- **NWW NWP Msn #1: (on order) Assume the mission #1 Msn #2: (on order) Provide up to five Field Offices**

Emergency Field Offices (EFO)

- **It was determined that responding districts do not have sufficient personnel to execute response and also staff Field Offices. Some of the personnel to staff Field Offices come from the Planning & Response Teams. However, most must come from other sources.**

EFO Organization Chart



New Command & Control Doctrine

- **Fallout from Hurricane Georges resulted in two significant HQUSACE directed changes that affect future "major disaster" response … as follows:**

  1. The Division Forward Office

  2. The Emergency Response and Recovery Office (ERRO)

The Division Forward Concept

- **Within a Major Subordinate Command (MSC) a single commander will be responsible for execution of FEMA missions**
- **The Division Commander will appoint a Division Forward Commander … either an MSC Deputy or a District Commander**
- **The Division Commander will decide if an ERRO is necessary … and if so … direct the district(s) to establish one**

Div Fwd Concept (con’t)

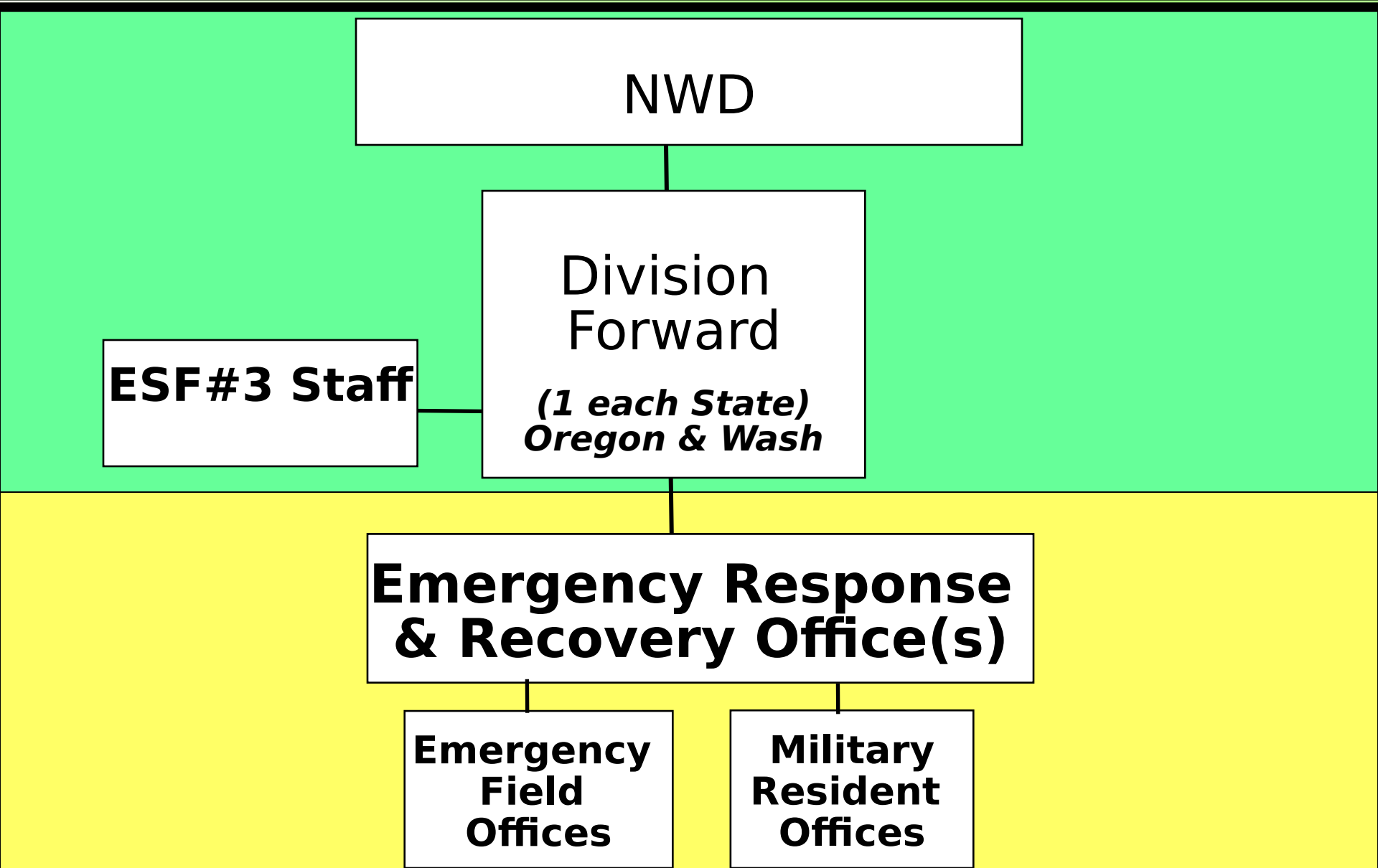
- **The Div Fwd Commander will command both the Div Fwd Office and the ERRO**

- **The Div Fwd Office is depicted as being adjacent to or part of the Disaster Field Office, where it can oversee the ESF #3 Staff and coordinate at that level**

The ERRO Concept

- **Definition: Emergency Response and Recovery Office (envision a mini [but full- service] district, dedicated to FEMA missions only)**
- **The ERRO could either operate from its parent location, or, be directed to displace forward -- meaning with the DFO**
- **The ERRO is subordinate to the Division Forward Office**

Organization Chart



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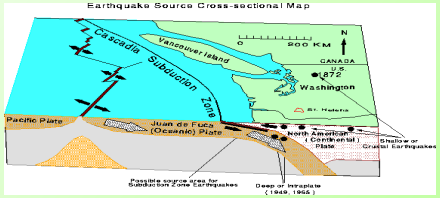
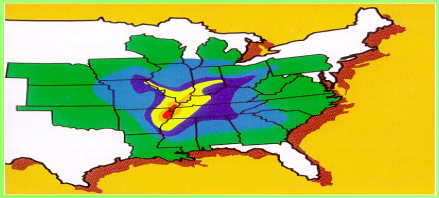
PORTLAND, OR.



CDPP



The End

Questions?